

DECLARATION FOR PATENT APPLICATION

21581/0284

named inventor. I hereby declare that:

ly residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled;

Polycarboxylic Acid Copolymer, Production Method and Use Thereof

the specification of which: (check one)

[] is attached hereto.

December 26,2001 10/025,588

[XX] was filed on, as United States Patent Application Serial No or PCT International Application Number, and was amended 19_ (ıf applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 CFR § 1.56(a).

Prior Foreign Application(s): I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate listed below, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

2000 000	•		Pnonty Claimed	
2000-399466	Japan `	27/December/2000	[XX]	ſl
(Application No.)	(Country)	(Day/Month/Year Filed)	YES	NO
2001-248276	Japan	17/August/2001	[XX]	[]
(Application No.)	(Country)	(Day/Month/Year Filed)	YES	NO
· . · . · . · . · . .			[]	[]
(Application No.)	(Country)	(Day/Month/Year Filed)	YES	NO

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below or 34 U.S.C. § 365(c) of any PCT International Application designating the United States of America listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application or PCT application in the manner provided by 35 U.S.C. § 112, first paragraph, I acknowledge the duty to disclose material information as defined in 37 CFR § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(U.S. or PCT Application Serial

(U.S. or PCT Filing Date)

(Status - patented, pending, abandoned)

(U.S. or PCT Application Serial

(U.S. or PCT Filing Date)

(Status - patented, pending, abandoned)

I hereby appoint the following registered practitioners: Rudolf E. Hutz, Reg. No. 22,397; Harold Pezzner, Reg. No. 22,112; Richard M. Beck, Reg. No. 22,580; Paul E. Crawford, Reg. No. 24,397; Burton A. Amernick, Reg. No. 24,852; Stanley B. Green, Reg. No. 24,351; Morris Liss, Reg. No. 24,510; George R. Pettit, Reg. No. 27,369; Patricia J Smink Rogowski, Reg. No. 33,791; Robert G. McMorrow, Jr , Reg. No. 30,962; Ashley I. Pezzner, Reg. No. 35,646; William E. McShane, Reg. No. 32,707; Mary W. Bourke, Reg. No. 30,982; Gerard M. O'Rourke, Reg. No. 39,794; James M. Olsen, Reg. No. 40,408; Francis DiGiovanni, Reg. No. 37,310; Eric J. Evain, Reg. No. 42,517; Daniel C. Mulveny, Reg. No. 45,897; Patrick J Wells Reg. No. 46,355; Thomas F. Poche Reg. No. 45,017; Patrick H. Higgins, Reg. No 38,709; Christine M. Hansen, Reg. No. 40,634; Daniel Harbison, Reg. No. 47,631; Gary Bridge, Reg. No. 44,560; Larry J. Hume, Reg. No. 44,163; Joseph Barrera 44,522; John A. Evans, (Agent) 44,100; and Elliot C. Mendelson , Reg. No. 42,878, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

> Send Correspondence and Direct Telephone Calls to Burton A. Amernick (202) 331-7111

Burton A. Amernick Connolly Bove Lodge & Hutz LLP P.O. Box 19088 Washington, D.C. 20036-0088 U.S.A.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor	Tsutomu Yuasa	
Inventor's Signature	Tsutomu Yuasa	FEB 4. 2002
Residence Address	1-16-803, Hoshin 5-chome, 0014 JAPAN	Pate FEB 4.2002 Higashiyodogawa-ku,Osaka-shi,OSAKA 533-
Citizenship	Japan	
	Same as above	
[XX] See next pag	e for additional inventors	;

DECLARATION FOR PATENT APPLICATION Page 2

Full name of second joint invent	tor(ifany) Tomotaka Nishikawa		
Inventor's Signature Residence Address Citizenship	4-52, Nakanoshimacho, Suita-shi, OSAKA 564-0035 JAPAN Japan		
Post Office Address	Same as above		
Full name of third joint inventor	r(ıfany) Noboru Sakamoto		
Inventor's Signature	noboru Sakamoto Date FEB 4. 2002		
Residence Address	4-52, Nakanoshimacho, Suita-shi, OSAKA 564-0035 JAPAN		
Citizenship	Japan		
Post Office Address	Same as above		
Full name of fourth joint invento	or(ifany) <u>Tsuyoshi Hirata</u>		
Inventor's Signature	Tsuyoshi Hirata. FEB 4.2002 4-3-619, Manabigaoka 3-chome, Tarumi-ku, Kobe-shi, Hyogo 655-0004		
Residence Address	4-3-619, Manabigaoka 3-chome, Tarumi-ku, Kobe-shi, HYOGO 655-0004		
Citizenship	Japan		
Post Office Address	Same as above		
Full name of fifth joint inventor			
Inventor's Signature	1 Junko Brukashi Date FEB 4. 2002		
Residence Address	5-14-203, Zuiko 2-chome, Higashiyodogawa-ku, Osaka-shi, OSAKA 533-		
	0005 JAPAN		
Citizenship	Japan Same as above		
Citizenship Post Office Address	Japan Same as above		
•	Same as above		
Post Office Address	Same as above Tomiyasu Ueta FFR - 4.2002		
Post Office Address Full name of sixth joint inventor	Same as above r(ifany) Tomiyasu Ueta		
Post Office Address Full name of sixth joint inventor Inventor's Signature Residence Address Citizenship	Same as above Tomiyasu Ueta Jomiyasu Veta 4-52, Nakanoshimacho, Suita-shi, OSAKA 564-0035 JAPAN Japan		
Post Office Address Full name of sixth joint inventor Inventor's Signature Residence Address	Same as above Tomiyasu Ueta Jomiyasu Ueta 4-52, Nakanoshimacho, Suita-shi, OSAKA 564-0035 JAPAN		
Post Office Address Full name of sixth joint inventor Inventor's Signature Residence Address Citizenship	Same as above Tomiyasu Ueta Jomiyasu Ueta FEB 4.2002 4-52, Nakanoshimacho, Suita-shi, OSAKA 564-0035 JAPAN Japan Same as above		
Post Office Address Full name of sixth joint inventor Inventor's Signature Residence Address Citizenship Post Office Address Full name of seventh joint inventor	Same as above Tomiyasu Ueta Jomiyasu Veta FEB 4.2002 4-52, Nakanoshimacho, Suita-shi, OSAKA 564-0035 JAPAN Japan Same as above Ator (If any) Hiromichi Tanaka		
Post Office Address Full name of sixth joint inventor Inventor's Signature Residence Address Citizenship Post Office Address Full name of seventh joint inventor's Signature	Same as above Tomiyasu Ueta Tomiyasu Ueta Joniyasu Ueta 4-52, Nakanoshimacho, Suita-shi, OSAKA 564-0035 JAPAN Japan Same as above Autor (if any) Hiromichi Tanaka Miromichi Tanaka Date FEB 4. 2002		
Post Office Address Full name of sixth joint inventor Inventor's Signature Residence Address Citizenship Post Office Address Full name of seventh joint inventor	Same as above Tomiyasu Ueta Tomiyasu Ueta Joniyasu Ueta A-52, Nakanoshimacho, Suita-shi, OSAKA 564-0035 JAPAN Japan Same as above Ator (if any) Hiromichi Tanaka Miromichi Tanaka Date FEB 4. 2002		
Post Office Address Full name of sixth joint inventor Inventor's Signature Residence Address Citizenship Post Office Address Full name of seventh joint inventor's Signature Residence Address Citizenship	Same as above Tomiyasu Ueta Jomiyasu Ueta FEB 4.2002 4-52, Nakanoshimacho, Suita-shi, OSAKA 564-0035 JAPAN Japan Same as above Alor (If any) Hiromichi Tanaka Pate FEB 4.2002 20-14, Higashitoyonakacho 6-chome, Toyonaka-shi, OSAKA 560-0003 JAPAN Japan		
Post Office Address Full name of sixth joint inventor Inventor's Signature Residence Address Citizenship Post Office Address Full name of seventh joint inventor's Signature Residence Address	Tomiyasu Ueta Jomiyasu Ueta Jomiyasu Ueta Jomiyasu Ueta FEB 4.2002 4-52, Nakanoshimacho, Suita-shi, OSAKA 564-0035 JAPAN Japan Same as above Auror (If any) Hiromichi Tanaka Miromichi Janaka Date FEB 4.2002 20-14, Higashitoyonakacho 6-chome, Toyonaka-shi, OSAKA 560-0003 JAPAN		
Post Office Address Full name of sixth joint inventor Inventor's Signature Residence Address Citizenship Post Office Address Full name of seventh joint inventor's Signature Residence Address Citizenship	Tomiyasu Ueta Jomiyasu Ueta Jomiyasu Ueta FEB 4.2002 4-52, Nakanoshimacho, Suita-shi, OSAKA 564-0035 JAPAN Japan Same as above Aur (If any) Hiromichi Tanaka Miromichi Janaka Date FEB 4.2002 20-14, Higashitoyonakacho 6-chome, Toyonaka-shi, OSAKA 560-0003 JAPAN Japan Same as above		
Post Office Address Full name of sixth joint inventor Inventor's Signature Residence Address Citizenship Post Office Address Full name of seventh joint inventor's Signature Residence Address Citizenship Post Office Address Full name of eighth joint inventor	Tomiyasu Ueta Jomiyasu Ueta Jomiyasu Ueta Jomiyasu Ueta Japan Same as above Ator (If any) Hiromichi Tanaka Japan Same as above Ator (If any) Yoshiyuki Onda Japan Same as above FER - 4 2002		
Post Office Address Full name of sixth joint inventor Inventor's Signature Residence Address Citizenship Post Office Address Full name of seventh joint inventor's Signature Residence Address Citizenship Post Office Address Full name of eighth joint inventor's Signature	Tomiyasu Ueta Jomiyasu Ueta Jomiyasu Ueta Jomiyasu Ueta Jomiyasu Ueta Jomiyasu Ueta FEB 4.2002 4-52, Nakanoshimacho, Suita-shi, OSAKA 564-0035 JAPAN Japan Same as above Hiromichi Tanaka Jumiki Janaka Date FEB 4.2002 20-14, Higashitoyonakacho 6-chome, Toyonaka-shi, OSAKA 560-0003 JAPAN Japan Same as above Or (if any) Yoshiyuki Onda Jakan Date FEB 4.2002		
Post Office Address Full name of sixth joint inventor Inventor's Signature Residence Address Citizenship Post Office Address Full name of seventh joint inventor's Signature Residence Address Citizenship Post Office Address Full name of eighth joint inventor's Signature Inventor's Signature Residence Address	Tomiyasu Ueta Jomiyasu Ueta Jomiyasu Ueta Jomiyasu Ueta Japan Same as above A-52, Nakanoshimacho, Suita-shi, OSAKA 564-0035 JAPAN Japan Same as above Attor((fany) Hiromichi Tanaka Juminishi Janaka Japan Japan Japan Same as above Jor((ifany) Yoshiyuki Onda Johnska Anda Bate FEB 4. 2002 Johnska Anda Bate FEB 4. 2002 Johnska Anda Bate FEB 4. 2002		
Post Office Address Full name of sixth joint inventor Inventor's Signature Residence Address Citizenship Post Office Address Full name of seventh joint inventor's Signature Residence Address Citizenship Post Office Address Full name of eighth joint inventor's Signature	Tomiyasu Ueta Jomiyasu Ueta Jomiyasu Ueta Jomiyasu Ueta Jomiyasu Ueta Jomiyasu Ueta FEB 4.2002 4-52, Nakanoshimacho, Suita-shi, OSAKA 564-0035 JAPAN Japan Same as above Hiromichi Tanaka Jumiki Janaka Date FEB 4.2002 20-14, Higashitoyonakacho 6-chome, Toyonaka-shi, OSAKA 560-0003 JAPAN Japan Same as above Or (if any) Yoshiyuki Onda Jakan Date FEB 4.2002		

DECLARATION FOR PATENT APPLICATION Page 3

Full name of ninth joint inventor (if any) Toru Uno			
Inventor's Signature Residence Address	Josu Uno Date FEB 4.2002 A-102, 40-11, Shishigaya 1-chome, Turumi-ku, Yokohama-shi, KANAGAWA 230-0073 JAPAN		
Citizenship Post Office Address	Japan Same as above		
Full name of tenth joint inventor	r (if any)		
Inventor's Signature Residence Address Citizenship Post Office Address	Date		
Full name of eleventh joint inves	ntor (if any)		
Inventor's Signature Residence Address Citizenship Post Office Address	Date		
Full name of twelfth joint invent	tor (if any)		
Inventor's Signature Residence Address Citizenship Post Office Address	Date		